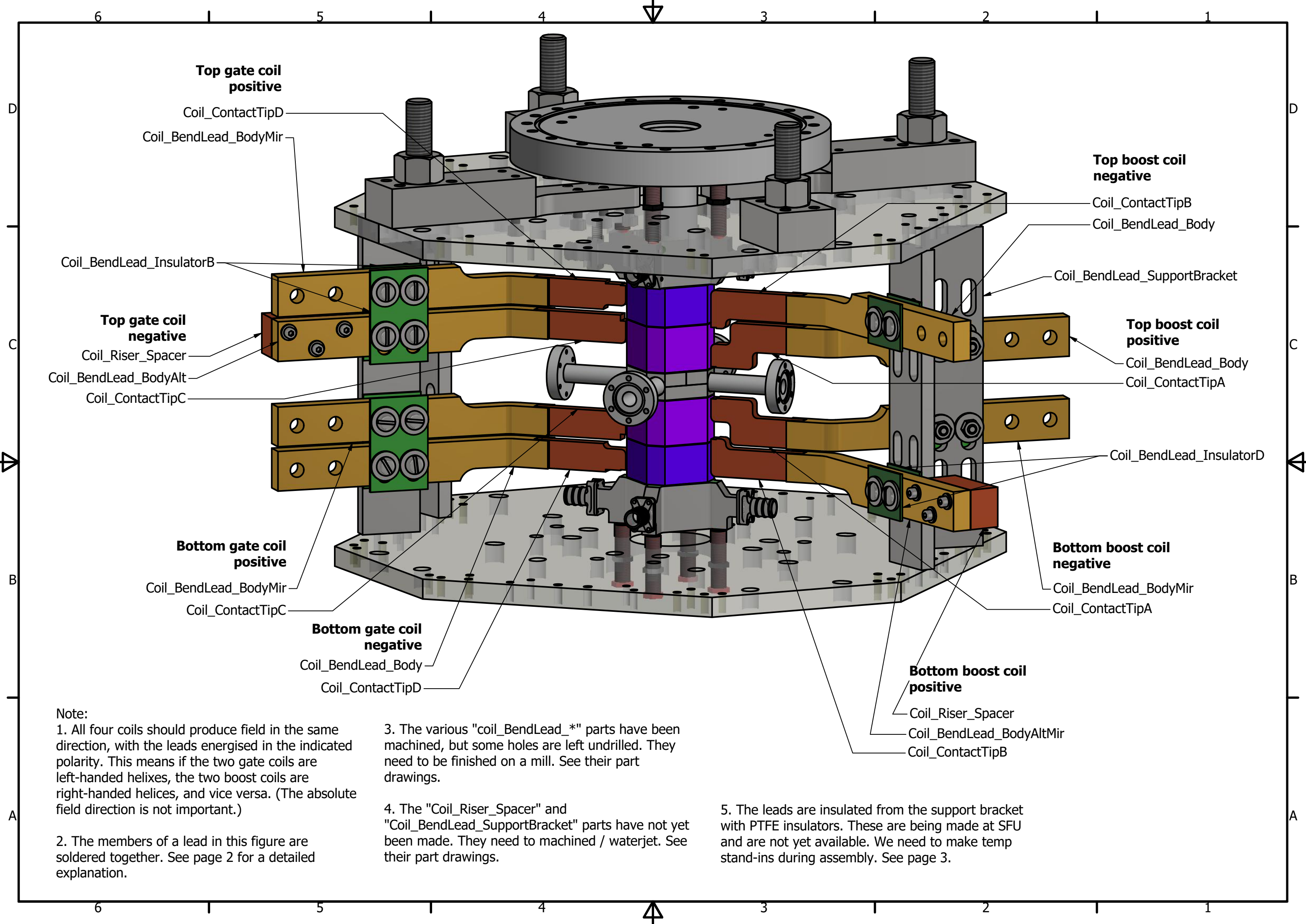




Note:

1. All four coils should produce field in the same direction, with the leads energised in the indicated polarity. This means if the two gate coils are left-handed helices, the two boost coils are right-handed helices, and vice versa. (The absolute field direction is not important.)

2. The members of a lead in this figure are soldered together. See page 2 for a detailed explanation.

3. The various "coil_BendLead_*" parts have been machined, but some holes are left undrilled. They need to be finished on a mill. See their part drawings.

4. The "Coil_Riser_Spacer" and "Coil_BendLead_SupportBracket" parts have not yet been made. They need to be machined / waterjet. See their part drawings.

5. The leads are insulated from the support bracket with PTFE insulators. These are being made at SFU and are not yet available. We need to make temp stand-ins during assembly. See page 3.

